DXpedition News

Bouvet - 3Y The **3Y5X** operators successfully landed on Bouvet on Dec. 28, slightly delayed by bad weather. They have been very active, struggling with unruly pileups, innumerable DX 'policemen,' and some intentional jamming. Some transmit/receive frequencies: 7045/7205-15; 14145/14160-180; 21195/21200-220; and 5-15 kHz up from their CW transmit frequencies: 7002, and 22 kHz up on 10-20 meters. They'll be active until Jan. 9, and perhaps at late as Jan. 14, weather permitting. (See page 2 for news about **3YØB**.)

Vanuatu - YJ Hilde DL5UF, Ulmar DK1CE, and Berthold DF5WA will operate from Vanuatu and the Solomon Islands H4 Feb. 4-Mar. 4, CW and SSB. Listen 5 kHz up on CW, and 3795, 7075, 14195, 21195, and 28495 kHz on SSB. QSL home calls for Dl5UF and DF5WA, and QSL DK1CE's operations via DJ9ZB. Sunrise 2330Z, sunset 1130Z.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Tuvalu - T2 IK2GNW is active as **T29GN** until Jan. 9, on 10-80 meters, including 17 and 12 meters. He may try for Ponape Is. V63 or Wallis FW Jan. 6-9. QSL home call.

Maldives - 8Q Jakob Laib HB9TL returns to the Maldives as **8Q7AH** Feb. 2-16, mostly SSB. Watch 14294, 21274, and 28394 kHz, listening 5-15 kHz up, and 23 kHz up on CW. He'll especially try for the US west coast at 0200Z and 16-2300Z. Complete calls **only**! He **hates** partial calls. QSL home call.

Puyallup Tribe of Indians - PTI Ward Silver NØAX and some Washington state DXers return to the Puyallup Tribe of Indians Jan. 13-14, as **K7SS/PTI**, 160-10 meters, CW and SSB. QSL K7SS. They have submitted a petition for separate DXCC country status to the DXAC, based on the sovereignty of PTI. Cards from the 1989 K7SS/PTI operation are due soon.

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Shortly Noted

- **TYØAS** will be active Jan. 5-20 on 160-10 meters, CW and SSB. Operators are IT9AZS, IT9PHY, I2RLX, and IT9SXA. QSL direct only to IT9AZS. (Thanks *DX News Sheet*.)
- **JT2AB** is in Choybalsan, Mongolia. QSL Box 119.
- **XV2A** was the Vietnamese call of JA3UB and other Japanese operators in December. QSL JA3UB. The JA7JPZ crew used **3W5JA** the first few days of January (I516).
- **VR2ØØPI/** will be active in January, celebrating Pitcairn's bicentennial, with individual operators adding the last two letters of their callsign. 10-20M SSB. QSL KB6ISL, direct only, with a business-sized, self-addressed, stamped envelope.
- **XZ1JA** on CW was a pirate.
- **Y2/**: West German hams may operate from East Germany under a new reciprocal agreement between the two countries, without additional paperwork, as with the US and Canada.
- **OZ1ADL** has special permission to operate SSB on 1830-50 kHz in the CQWW 160-meter SSB test Feb. 24-25.
- **VK9TR** is Trevor on Willis Is., for one year. Try 14226 kHz at 1100Z Fridays. QSL via the *Callbook* address of his late dad: VK5FG. (Thanks W1AW.)
- **V85DA** is VK1DA, in Brunei for one year. Watch 14027 and 7002 kHz at 2200Z.
- **3D2XR** is Mats SM7PKK on Rotuma, to mid-month. Try 25 kHz up on CW, and 14190 and 28495 kHz on SSB.
- **YJ8NMB** Marek is often on 28360 kHz 07-1100Z.
- **5T5SR** Jean-Pierre is often on 21340 kHz 07-1000Z. QSL P.O.Box 51, Atar, Mauritania.
- **N3CRH/TJ** is often on 10-meter SSB around 28500 kHz 18-2200Z, sometimes with husband Bob **AH6HQ/TJ**.
- **SSB Net** check-ins: 7160 kHz: LY2ZZ TU2UI EA8ACH GD4WBY; 14227: 5U7NU 5Z4BH JX9CAA 9J2BO; 14250: 5U7NU; 14256: 9N1MM KG4DD TT8GA; 21335: ZS9A 6W7OG ZD8VJ TU2JL A61AC TU2VE TZ6AS CN8NK 5V7DP A41KA.
- **6 Meters** continues to sizzle. Countries worked in December include: Cuba, Portugal, Ireland, France, England, Scotland, Northern Ireland, Haiti, Guantanamo, Hawaii, Netherlands, Iceland, Costa Rica, Antigua, Mexico, Japan, Dominican Republic, Caicos, and Cayman Islands.
- **Islands On The Air**: **WA4DAN, K5MK,** and **KW2P** will be on from the Dry Tortugas (NA-79) Feb. 2-4. Watch 14260 (including the IOTA nets 1300Z), 21260, and 28560 kHz on SSB, and 30 kHz up on 40-10M CW. QSL home calls. Bernhard DL2GAC starts his five-month, multi-island IOTA DXpedition this week. He hopes to operate from the Maldives **8Q7CQ**, India **VU2BMS**, Malaysia **9M2QR**, Papua New Guinea **P29VMS**, Vanuatu **YJØABS**, and the Solomons **H44/DL2GAC**. Watch 14260, 21260, and 28460 kHz. QSL in July to his home call. **YC8VFB** on Ambon Is. (OC-70) is on 21292 kHz at 0000Z. **UA1ANP** is Katlin Is. in the Gulf of Finland (EU-97). Try 14020 kHz at 0500Z. QSL Box 320, Kronshtadt, 189610 USSR. **U1ZA/a** is on Kildin Is. (EU-82) Try 14005 kHz at 1045Z. **UW1ZC/UA1O** is on Novaya Zemlya (EU-35), **not** Franz Josef Land. Try 20M SSB 0400Z. Finally, Dewitt Jones W4BAA is the North American check-point for IOTA QSL cards. Address: Box 1, Captiva Is. FL 33924. That's (NA-69).

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before			
January 1990		Date	Flux	A K	Date	Flux	A	K
05	Above Normal	12/09	201	04/04 2	11/11	252	15/15	3
06	Above Normal	12/10	183	01/04 0	11/12	260	06/07	1
07	Above Normal	12/11	176	04/07 0	11/13	244	41/36	4
08	High Normal	12/12	167	06/08 2	11/14	244	10/13	1
09	High Normal	12/13	168	05/07 2	11/15	220	04/06	1
10	High Normal	12/14	166	07/13 2	11/16	218	06/07	2
11	High Normal	12/15	170	09/10 1	11/17	219	62/67	6
12	High Normal	12/16	171	15/15 2	11/18	216	29/42	2
13	High Normal	12/17	181	11/11 2	11/19	235	08/09	2
14	Above Normal	12/18	189	06/07 3	11/20	229	08/09	2
15	Above Normal	12/19	193	06/06 1	11/21	231	09/10	1

Propagation Watch

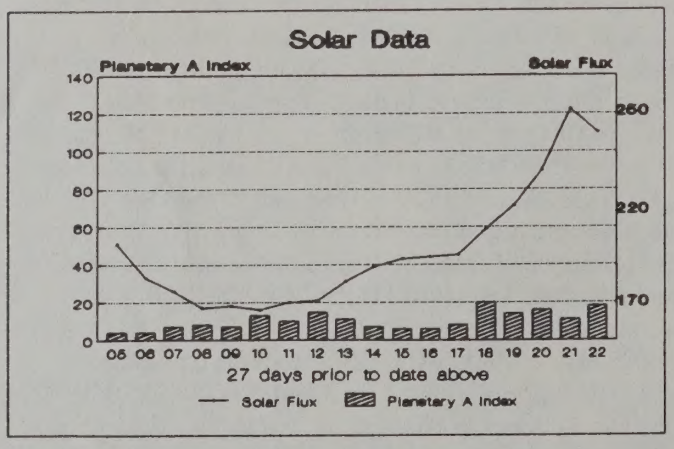
As expected, solar flux peaked in late December, and then started to drop back, toward an minimum expected around January 10. The increase in solar flux pushed the maximum useable frequency above 50 MHz, to the delight of 6-meter DXers. 6 meters was good enough to provide some W4s an opening into Japan, and for some California DXers to work into Europe.

Unfortunately, the increase in solar activity included some major flares, which caused both short-lived radio blackouts and longer-lasting geomagnetic storms. Just when DXers around the world were pointing their antennas at Bouvet, propagation dropped to its worst in several months.

The good news is that the sunspot regions responsible for the Class X flares has rotated around the back side of the sun, and shouldn't cause any more problems before the 3Y5X DXpedition is over.

The expected decline in solar activity over the next week shouldn't affect the HF bands. 10, 12, and 15 meters will open around sunrise, with best signals in the general direction of the sun. 20 meters will be best around local sunrise, especially long path, and again for a few hours after local sunset. Signals on the lower bands have been quite good, in the absence of the flare-induced geomagnetic storms.

Look for propagation in January to be similar to that of December, with good to excellent conditions much of the time on at least one band. On days when the geomagnetic field is particularly quiet, look for good long-path and long-haul openings. Many DXers are reporting skewed paths on the lower bands; check alternate directions other than direct and long-path. Good hunting!



Regulars

▪ **Armenia**	UG6GAW	14007	1500Z
▪ **Ascension Island**	ZD8VJ	3503	2200Z
▪ **Ascension Island**	ZD8VJ	14024	0000Z
▪ **Asiatic RSFSR**	EK9JG	14017	0100Z
▪ **Chagos**	VQ9DM	14025	0230, 1530Z
▪ **China**	BZ4WH	21027	0145Z
▪ **China**	BY4RB	3504	1300Z
▪ **Gambia**	C53FJ	21230	2200Z
▪ **Guam**	KH2D	3506	1100Z
▪ **Iraq**	YI1BGD	28540	1200Z
▪ **Juan Fernandez**	CEØOGZ	14008	0130Z
▪ **Juan Fernandez**	CEØOGZ	21017	0030Z
▪ **Lesotho**	7P8EG	3795	0330Z
▪ **Liberia**	EL7X	15M CW	2200Z
▪ **Malaysia**	9M2AX	3504	2230Z
▪ **Marshall Islands**	V73AS	7007	1200Z
▪ **Mauritius**	3B8CF	14031	0330Z
▪ **Mongolia**	JT1CD	14020	0400Z
▪ **Mongolia**	JT2AB	14021	0230Z
▪ **Rotuma**	3D2XR	28485	22-2400Z
▪ **Singapore**	9V1YC	21023	2300Z
▪ **South Orkneys**	LU1ZA	14005	2230-0200Z
▪ **Sri Lanka**	4S7EA	14009	0100Z
▪ **Sri Lanka**	4S7WP	14016	0045Z
▪ **Taiwan**	BV2DA	14026	1320Z
▪ **Taiwan**	BV2DA	28010	00-0400Z
▪ **Turkey**	TA3F	28585	1400Z
▪ **Zone 23**	RVØYF	14008	0200Z

Saturday Evening Post Society DXpedition Postponed

Mike Koss W9SU, leader of the *Saturday Evening Post* Society's Antarctic DXpedition, has announced that the trip is "postponed indefinitely and perhaps permanently." The DXpedition organizers were unable to locate a suitable ship and experienced crew for the expanded trip. Although the original arrangement to use the SA Deep Salvage I through the middle of February remained, that ship was leased for the next five months by a diamond-mining operation of Namibia. Thus the DXpeditioners wouldn't have been able to extend their trip beyond Bouvet, to South Sandwich and perhaps South Georgia. Thus the trip is scrapped, at least for this year. Meanwhile, Mike encourages DXers to support the Norwegian Bouvet operation.

South Sudan DXpedition

John Fung-Loy PA3CXC is organizing a combination DXpedition and relief effort in war-torn South Sudan ST0. He wants to raise US$100,000 to help build a school, a hospital, and provide tractors, in exchange for reactivating amateur radio in the region. John plans a DXpedition in late March or early April, using the callsigns **6TØDX** and **6TØCW**. He asks for donations and financial or material assistance to be sent to him at Strausslaan 4, 2551 NM s'Gravenhage, the Netherlands. South Sudan ranked 19th on the 1989 *The DX Magazine*'s Most Wanted Countries survey, and is in CQ Zone 23. Many DXers need an 80-meter contact with Zone 23 to complete their 5-Band Worked All Zones quest. If DXers can rally to put Bouvet on the air, they can probably find the funds to support this worthy cause.

B . A . N . D . P . A . S . S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.*
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

3B8FP	21091	1920	17	FL
7P8DX	21093	2015	17	CA
9K2EC	14079	0228	20	FL
BY1QH	14089	0520	20	FL
FO5LQ	14085	0400	22	CA
HV3SJ	21091	1800	15	PA
KG4RN	28116	1850	16	PA
PJ2AL	28086	1620	17	CA
UA1ZH	14085	0045	22	CA
VU2IJ	14079	0200	20	FL
VU2JX	14092	1845	19	CA

160 Meters

PY1RO	1832	0745	16	WA
UWØLBW	1903	1570	18	WA
V31BB	1835	0656	17	PA
V73AZ	1833	0654	21	CA
V73AZ	1833	1230	16	WI

80 Meters

5H1TW	3507	0130	19	CA
5H3TW	3506	2250	14	NH
7P8DX	3503	2259	16	MA
9M2AX	3501	1407	15	CA
9M2AX *	3505	2240	16	MA
BY4RB	3503	1246	21	WV
HZ1AB	3507	1439	17	CA
JAØCWZ	3504	1100	17	NH
KH2D	3507	1028	21	MI
KH3/KNØE	3502	0454	12	MT
LY2WR	3501	2206	20	MA
LY3BQ *	3507	1420	19	CA
RD6DAB	3506	1345	19	CA
RVØYF	3506	1206	12	WV
SM6CPY *	3501	1454	19	CA
UA4WHW *	3508	1325	20	CA
UA9CM	3513	2215	14	NH
UI8BAA	3504	1220	15	AL
UR1RWX	3501	0156	14	FL
UV6AAX *	3507	1425	19	CA
V73AS	3501	1115	16	FL
VK6HD	3503	1206	21	MA
VK6HD *	3502	2107	17	MA
ZD8VJ	3503	2225	22	MI

75 Meters

5H1TW	3799	0230	19	CA
5H1TW	3799	1520	19	CA
5Z4OY *	3799	0235	19	CA
7P8EG	3798	0320	17	MI
9M8PV *	3797	2142	16	MA
EA9IE	3795	0645	20	CA
JA6IEF *	3797	2202	16	MA
KG4SM	3796	0134	20	CA
KH2D	3789	1436	16	CA
KH3/KNØE	3798	1520	20	CA
LA7ZO *	3798	1447	18	CA
LZ1KSN *	3798	1449	17	CA
OY9JD	3798	1520	21	CA
TL8SC	3795	0445	19	CA
V31BB	3792	0757	20	CA
VE8HL	3794	0015	17	MA
VK6HE	3798	1300	16	IA
VK6LK *	3795	2101	16	MA
VS6VO	3790	1540	19	CA
XW8KPL	3795	1315	17	CA
ZS6BCR	3797	0341	22	MA

40 Meters

4X1VE	7005	1442	15	CA
5NØELT	7004	2230	14	VT
9M2AX	7005	1430	16	CA
9V1VS	7008	1525	16	CA
AP2UR *	7006	1220	15	MA
BV2A	7004	1232	20	WV
BY4RB	7003	1300	19	IA
BY5RA	7025	1618	25	CA
FK8GJ	7004	1236	18	WV
HL3RZ *	7012	2235	16	IA
KH2D	7003	1219	20	WV
TA3D	7004	2232	22	FL
TU2QQ	7065	0447	16	MA
UA1O/ UB5MAL	7001 7003	0355 1240	17 18	MA CA
UA4FDS	7007	0504	11	OR
UC2ADX *	7001	1330	18	IA
UD6DC	7005	0234	22	MA
UD6DC	7006	1315	16	IA
UD6N/ UD6DJ	7004	0209	17	MA
UG6GAW	7004	2120	20	VT
UI8BAA *	7004	1246	19	WV
UP1BZO *	7007	1350	14	IA
UR1RWX	7005	1300	21	IA
V73AS	7007	1218	17	MA
V85AA	7002	1342	16	IL
VK6LW *	7007	2130	22	IA
VK9NS	7005	1145	23	IA
VU2TEC	7006	1310	13	IA
ZD8VJ	7003	0529	15	IL
ZS4TX	7007	0424	19	MT

30 Meters

5B4OG	10106	1644	6	VT

20 Meter CW

3B8CF	14033	0336	18	IL
3B8DA	14022	0200	14	ID
3D2XR	14004	0352	13	MT
4S7CF	14005	0054	17	FL
4S7EA	14008	0120	19	CA
4S7NE	14000	0053	17	FL
4S7WP	14015	0040	19	CA
6W1AAD	14005	1156	13	VA
6W6JX	14027	2130	13	MD
9J2BO	14040	1550	15	CA
9M2AX	14028	0013	14	NB
9Q5DX	14012	0445	16	CA
9V1YC	14033	2315	9	VA
A41JV	14024	1305	14	FL
AP2MC	14004	0254	10	VT
AP2MT	14029	0320	14	MN
BV2DA	14026	1320	13	FL
CEØOGZ	14021	0137	20	WV
EK9JG	14016	0000	20	NC
EL7X	14013	0030	13	MI
FR5FI	14011	0245	19	SC
HZ1AB	14012	0510	21	CA
HZ1AB *	14002	1336	17	SC
JT1BJ	14011	0206	20	NY
JT1CD	14005	0403	22	LA
JT1CS	14026	0327	18	WV
JT1KAA	14007	0436	16	WV
JT2AB	14023	0225	11	PA
KH3/KNØE	14025	1340	17	MA
LU1ZA	14003	2226	19	AL
PZ1EH	14027	0126	13	MI
RI1OA	14018	1202	18	PA
RVØYF	14012	0212	16	CA
SV9BAI	14010	0057	17	FL
TU2OP	14029	2321	11	GA
UAØBCA	14019	2249	7	NB
UA1O/ UAØBDU	14012	0324	18	WV
UA1O/ UA1WC	14013	1235	21	MA
UA1OIM	14009	309	7	AL
UG6GAW	14006	1442	14	OH
UI8BAA	14017	0323	16	WV
UI9AAB	14017	0441	16	WV
UI9AAB	14025	1237	21	GA
UJ8KA	14007	0523	15	CA
UJ8SA	14027	0330	22	WV
UL7GE	14007	0205	14	ID
UL7RER	14018	0327	16	WV
UL8RWC	14022	1240	18	WV
VQ9DM	14018	0230	19	SC
VQ9DM	14024	1536	19	CA
VU2BK	21021	1402	17	FL
VU2LX	14022	0205	19	SC
YN/ SMØOIG	14005	2316	16	ID
ZD7KM	14024	2045	15	MI
ZD8VJ	14025	0005	13	MI
ZP6XDW	14046	0246	13	MN

20 Meter SSB

5U7NU	14243	0030	11	CA
5Z4BI	14162	0426	9	ON
9K2CS	14201	0142	14	NC
9X5KP	14210	2044	8	MA
A41KB	14250	0400	22	MA
A41KJ *	14202	1412	16	MA
A61AC	14255	1940	25	CA
A92FB	14178	0102	15	OH
AP2ZR	14201	0214	17	NC
FH8CB	14217	0411	15	WY
FR5EL	14201	0230	17	NC
JT1BS	14194	0104	16	NY
JX8KY	14224	1348	21	WV
KC4USV	14177	0510	15	IL
RH8AY	14224	0335	11	NY
RL8JA	14199	0575	23	CA
TL8SC	14232	0520	19	WV
UA1O/ UW1ZC	14248	0030	20	NC
UG6GAT	14177	0540	19	WV
UH9WWA	14205	1353	21	WV
UJ8KA	14220	0953	13	MI
UL7NW	14224	0323	17	NC
V63CQ	14189	0523	19	WV
VU2XP *	14197	0057	18	CA
XW8KPL	14235	1346	16	WY
YK1AO	14014	0455	13	GA

17 Meter CW

6W1AE	18070	2143	12	PA
CEØFFD	18075	0058	6	VT
HZ1HZ	18079	1936	20	VT

15 Meter CW

6W6JX	21013	1958	7	MI
9V1WW	21050	0056	13	PA
9V1YC	21032	2257	16	CA
BY4RB	21025	0145	14	GA
BY5RA	21029	0137	6	WV
BZ4WH	21027	0144	19	MA
CEØOGZ	21015	0022	15	VT
CP8AK	21036	2020	17	PA
D2/ LU6ELF	21343	2230	11	CA
EL2CX	21024	1530	17	NH
EL7X	21025	2205	15	PA
JT1CD	21017	0413	13	OR
RVØYF	21010	0216	23	FL
UI8AA	21023	1228	21	NH
VU2BK	21030	1224	21	NH
ZD8IAN	21034	2048	20	MA
ZD8VJ	21023	2000	17	SC
ZD8VP	21027	2119	13	NB

15 Meter SSB

3A2AF	21303	1313	17	PA
5Z4BP	21354	2156	20	NH
6W1AAD	21215	2136	7	MI
7X4AN	21333	2102	17	MD
9Q5AA	21273	2224	21	MI
BY5RA	21261	0022	23	MI
BY9GA *	21294	0205	7	NC
C53FJ	21230	2152	18	MA
JT/ RAØAD	21276	0125	21	MI
JT1BV	21259	0117	21	MI
KC4AAC	21413	2117	16	MI
S79D	21345	2028	17	MD
TJ/AH6HQ	21354	2133	20	NH
TU2PA	21256	2024	16	WY
TZ6VV	21268	2153	7	MI
VK9NS *	21345	2030	20	MA
XW8KPL	21295	0020	17	CA

10 Meter CW

3B8FQ	28009	1943	5	NY
3D2XR	28025	2249	22	FL
6W1QB	28034	2339	23	FL
6W6JX	28029	1929	15	NB
9J2AL	28002	2012	10	PA
BV2DA	28010	0007	11	SC
BV2FA	28013	2348	14	GA
BY4RB	28026	0002	20	FL
BZ4WH	28026	0100	17	MI
BZ5RA	28025	0135	16	SC
CEØFFD	28007	2313	23	FL
EL2CX	28015	1402	17	PA
FK8FF	28007	2323	17	ID
P29PL	28017	2144	15	PA
SU1FE	28003	1700	16	CA
T3ØAC	28025	2110	10	SC
UAØXAI	28023	0009	23	FL
UF6QBA	28030	1311	20	GA
UG6GAW	28013	1243	15	PA
VU2BK	28027	1319	15	PA
YN/ SMØOIG	28010	1244	14	GA

10 Meter SSB

3D2XR	28485	2217	20	VT
5B4TI	28485	1426	13	ON
7X5VVK	28553	1512	18	AL
9J2FR	28502	1610	16	CA
9M2DA	28520	2336	14	OR
A45YT	28563	1429	18	WV
BV2FA	28502	0015	15	FL
BY4RB	28490	0110	14	MD
CN8FC	28398	1803	17	MA
CN8GG	28587	1333	24	MI
D2/ LU2ELF	28500	1740	21	CA
DU2EG	28453	0040	8	CT
EA9IB	28472	1550	16	NY
EL2WK	28510	1300	20	NC
FK8FF	28531	2208	11	IL
J28TY	28401	1506	15	WV
JD1YAA	28580	2220	11	MD
KH2D	28495	2356	20	MA
LZ1WR	28458	1245	11	IL
OD5MM	28510	1312	18	AL
OX3LX	28525	1405	12	IL
SØ1A	28490	1930	15	PA
TA3F	28582	1410	18	WV
TR8CA	28835	1702	17	WV
TT8GA	28469	1245	21	NC
TU2DL	28505	1529	19	CA
UD6GF	28545	1420	18	WV
UG6JJ	28510	1418	12	VA
UL7ACI	28491	1318	18	NC
V63CQ	28589	2147	9	CA
V63JC	28516	2120	15	MD
VK9NS	28511	2319	8	MI
YI1BGD	28537	1218	11	IL
Z21BA	28667	1700	17	MD
ZD8BOB	28346	2157	16	WV
ZS9A	28526	1626	21	WV

The DX Bulletin

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90/10

Calendar

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(Changes and hot info in **boldface**.)

Anguilla - VP2E	VP2EXX 7008 1230Z	I517
Armenia - UG	UG6GAW 7005/13Z 14007/15Z	I519
Ascension Is. - ZD8	ZD8JV 14024/0000Z 3503/22Z	I519
Belize - V3	V31BB 1832 0300Z	I518
Benin - TY	**TYØAS Jan. 5-20**	**I519**
Bouvet - 3Y	**3Y5X Now-Jan. 8**	**I519**
Brunei - V85	**V85DA 14027/7002 2200Z**	**I519**
Cameroon - TJ	TJ1PD 21365 1900Z Weds.	I517
	N3CRH/TJ 10M SSB 18-2200Z	**I519**
Chagos - VQ9	VQ9DM 14025/0230, 1530Z	I519
Chatham Is. - ZL7	ZM7VS Jan. 16-30, 1990	I505
China - BY	**BZ4WH 21027 0145Z**	**I519**
	BY4RB 3504 1300Z	**I519**
Dodecanese - SV5	SV5TS 28525 1400Z	I518
Equatorial Guinea 3C	3C1EA 28002/15Z 14220/07Z	I517
Faroes - OY	OY9JD 28489 or 21289 1600Z	I518
Gambia - C5	**C53FJ 21230 2200Z**	**I519**
Guam - KH2	**KH2D 3506 1100Z**	**I519**
India - VU	VU2IOC 14017 long path 1230Z	I518
Iraq - YI	YI1BGD 28540 1200Z	I519
Juan Fernandez - CEØ	CEØOGZ 14008/0130 21017/0030	I519
Kazakhstan - UL	UL7JW 3506 1300Z	I517
Lebanon - OD	OD5VT 3799 2230Z	I518
Lesotho - 7P	**7P8EG 3795 0330Z**	**I519**
Liberia - EL	EL7X 14010/2330Z 21015/22Z	I519
Maldives - 8Q	**by F6EEM, F6FYP Jan. 12-17**	**I516**
	8Q7BX Dec. 29-Jan. 7 CW	**I518**
	8Q7AH Feb. 2-16	**I519**
Marianas - KHØ	AHØF Jan. 26-29, CQ 160M	I516
Marshall Is. - V7	V73AZ 1834/07Z 7007/12Z	I519
Mauritania - 5T	**5T5SR 21340 07-1100Z**	**I519**
Mauritius - 3B	3B8CF 18080/0230Z 14030/0330Z	I519
Mayotte - FH	FH5EJ 28030/16Z 14023/03Z	I517
Mongolia - JT	**JT1CD 14020 0440Z**	**I519**
	JT2AB 14021 0230Z	**I519**
New Caledonia - FK	FK8FS 40M CW 1130Z	I518
Ogasawara - JD	**JA3EMU/JD1 Dec. 31-Jan 8**	**I515**
Oman - A4	A41KJ 14190 long path 1300Z	I517
Pakistan - AP	AP2MC 20M CW 0300Z	I518
Paraguay - ZP	ZP6XDW 14026 0430Z	I518
Pitcairn - VR6	**Bicentennial VR2ØØPI/**	**I519**
Puyallup Tribe - PTI	**K7SS/PTI Jan. 13-14**	**I519**
Rotuma - 3D	**3D2XR by SM7PKK now-Jan. 15**	**I515**
Rwanda - 9X	9X5KP 21215 2000Z	I517
St. Helena - ZD	ZD7KM 15M CW 2030Z	I516
St. Vincent - J8	**VE3CPU/J88 Dec. 30-Jan. 30**	**I516**
Saudi Arabia - HZ	HZ1AB 3505/0200Z 3793/1430Z	I518
Singapore - 9V	**9V1YC 21023 2300Z**	**I519**
South Orkneys - VP8	LU1ZA **14005/2330Z** 21016/23Z	I519
South Shetlands	HL5BDS 15M CW 00-0400Z	I517
Sri Lanka - 4S	**4S7WP EA 20M CW 0030-0100Z**	**I519**
Sudan - ST	G4WYG/ST2 20M CW 1800Z	I515
Swaziland - 3DA	3DAØAV 21330 2100Z	I517
Taiwan - BV	BV2DA **14026/13Z 28010/00Z**	**I519**
	BV2A 14015 1300Z	I516
Tanzania - 5H	5H3TW 3506 0300Z	I517
Turkey - TA	**TA3F 28585 1400Z**	**I519**
Uzbekistan - UI	UI8BAA 7004 1200Z	I518
Vanuatu - YJ	**by DLs Feb. 4-Mar. 4**	**I519**
	YJ8NMB 28360 07-1100Z	**I519**
Vietnam - 3W	**3W5JA Now-Jan. 5**	**I516**
Walvis Bay - ZS9	ZS9A 28610 1615Z M, Th, S	I514
West Malaysia - 9M	**9M2AX 3502/1200Z and 2230Z**	**I519**
Willis Is. - VK9	**VK9TR 14226 1100Z Friday**	**I519**
Zambia - 9J	9J2BO 28030 1200Z	I514
Zimbabwe - Z2	Z21CA 14020 0345Z	I517
Zone 23	**RVØYF 14008 0200Z**	**I519**

DX Activities and Contests

Date	Event or Activity	Info
Jan. 6-7	ARRL RTTY Round-Up	QST
Jan. 26-28	CQWW 160-Meter Contest	CQ
Feb. 17-18	ARRL CW DX Test	QST

Contributors

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